Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 24 Dec 2020 until 23:59 on Friday 25 Dec 2020

Forecast Issued on Wednesday 23 Dec 2020 at 16:55

Confidence: High for a cold start and then a change, briefly, to milder, wetter and windier conditions but lower with regard to details, especially through Monday with low pressure centred over the UK.

Headline for Thursday 24 Dec 2020: Sunny spells and occasional snow showers. Very cold with strong northerly winds

Mountain weather hazards on Thursday 24 Dec 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Clear night	Partly cloudy (night)	Light snow showers	Light snow showers	Sunny intervals	Partly cloudy (night)	Clear night
Precipitation probability							
10%	00%	10%	40%	30%	20%	10%	<05%

Forecast for Thursday 24 Dec 2020

Weather: Any light snow soon clearing then dry with long clear spells overnight with a widespread frost. Then a bright but frosty start to the day with some sunny spells, especially in the west, with occasional mainly light snow showers spreading south. The showers clear through the afternoon and the evening looks dry with long clear spells.

Chance of cloud free mountain/hill tops above 600m: Around 40% through the morning for most with periods of cloud above 600m and patches below, but nearer 75% in the west and, becoming more generally through the afternoon, with cloud more occasional above 600m.

Visibility: Very good or excellent falling to just 1 or 2 kilometres in light snow showers.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Thursday 24 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/29 N	19/28 N	20/32 NW	15/23 N	18/25 N	17/26 N	14/22 N	15/24 N	13/20 N
300	13/28 N	13/27 NW	9/23 NW	10/23 NW	12/25 N	12/24 NW	13/26 N	11/23 NW	6/15 NW
Valley	10/27 N	11/28 N	10/25 N	11/27 N	14/30 N	15/31 N	6/20 N	5/16 N	6/15 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-0/-7	-3/-10	-3/-10	-3/-10	-2/-9	-2/-9	-3/-9	-3/-10	-3/-9
300	2/-4	-0/-6	-2/-6	-1/-6	1/-4	0/-4	-1/-6	-2/-7	-3/-6
Valley	2/-2	1/-4	0/-4	0/-4	2/-3	2/-4	0/-3	-1/-4	-2/-5
Freezing Level*	400m	100m	00m	00m	200m	200m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Significant chill effect at all levels through the day.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 23 Dec 2020	2.2mm	4.8mm	7.2mm

Forecast for Friday 25 Dec 2020

Weather: Clear skies at first but cloud increasing from the northwest through the early hours. Then a cloudy morning with outbreaks of mainly light sleet and snow developing, these turning increasingly to rain through the afternoon. The rain becomes more persistent and occasionally heavy for a time through the late afternoon and evening.

Maximum wind: Northerly or northwesterly 15mph backing southwesterly 20-25mph through the morning, with gusts around 45mph over ridges and summits by evening.

Chance of cloud free mountain/hill tops above 600m: Close to 100% at first with little cloud below summits becoming close to zero through the morning with periods or persistent cloud above 600m developing.

Visibility: Very good falling to a few kilometres in sleet, snow and later heavier rain.

Temperature: **Valleys:** Minus 2 or 3 Celsius overnight rising to plus 8 or 9 Celsius by day
At 600m: Around minus 4 Celsius rising to plus 3 Celsius through the afternoon and evening
Freezing level: All levels at first gradually rising above the summits.

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